

ITS5: GGAAGTAAAAGTCGTAACAAGG
 ITS3: GCATCGATGAAGAACGCAGC
 ITS4: TCCTCCGCTTATTGATATGC
 ITS2: GCTGCGTTCTTCATCGATGC
 PG21: TCCAAAACAAGATGGAGTCG
 PG22: TGCCTGGGCGTCGCGCGTC

Figure 1A

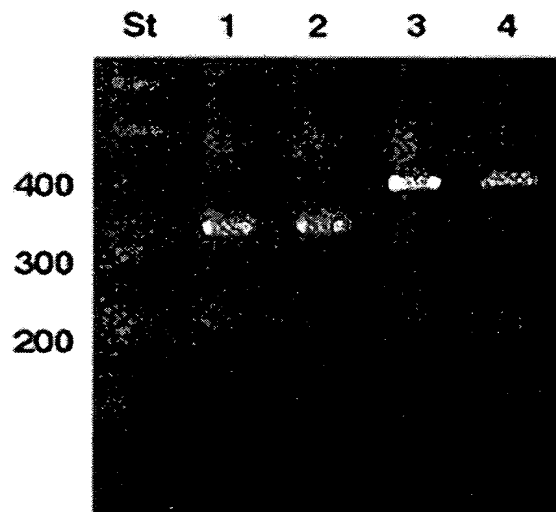


Figure 1B

ITS5

5
 10
 15
 20
 25
 30

AJ245578	1	<u>TGGAAGGAGAAGTCGTAACAAGG</u>	TTTCCGTAGGTGAACCTGCGGAAGGAT	50
AJ245575	1	TGGAAGGAGAAGTCGTAACAAGG	TTTTCGTAGGTGAACCTGTGGAAGGAT	50
		*****	*****	
AJ245578	51	CATTGTTCGATGCCTCACAAGCAGTCCGACCCGTGAAC	TTGTTTTGCTTAT	100
AJ245575	51	CATTGTTCGATGCCTCACAAAACGAACGACCTGCGAAT	TGGTTAAACT-AT	99
		*****	* *****	
AJ245578	101	TTAGGGTTGGTTTGGGGCGTGTCAAAACACGCCGACCT	TTTCCTTTGGTTGG	150
AJ245575	100	CGGGGGCGGG--GGGCGTGCCTCCTCCCAAGCCTCCAT	GTTCGGGAGGCGC	147
		*** **	*** ** *	
AJ245578	151	GAGTTGTCTGCCTTGCCTGGCTTTCTCTTAGCCTTTAACA	AACCCACCGG	200
AJ245575	148	CTGTGGCCCCCGCCACTCGTGCTACCTCGACCAAAAACTAACC	-CTGG	196
		** * *	* * * * *	
AJ245578	201	CGCTACACGCGCCAAGGAACTTAACTNTTCTGTGCGCCCT	TGCCAGCCC	250
AJ245575	197	CGTTTAACGCGCCAAGGAACTACAACCAGTGAGCGTGCT	CCCGATGACCT	246
		** * *****	*** * * * *	
AJ245578	251	GGTAACGGTGCTGTGTAGGTT-GNGTTTAGATACATGAATC	-AAAATGAC	298
AJ245575	247	GGTAACGGCGATCGATCGATGAGCGTCGTGACATTCTTATC	CAAAATGAC	296
		*****	* * * * *	
AJ245578	299	TCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGCAGCA		345
AJ245575	297	TCTCGGTAACGGATATCTCGGCTCTC	<u>GCATCGATGAAGAACGCAGCA</u>	343
		*****	*****	

ITS2

Figure 2

ITS3

5 AJ245577 1 TGCATCGATGAAGAACGCAGCGAAATGCGATACTTGGTGTGAATTGCAGA 50
 AJ245576 1 TGCATCGATGAAGAACGCAGCGAAATGCAATACTTGGTGTGAATTGCAGA 50

10 AJ245577 51 ATCCCGCGAACCTTCGAGTCTTTGAACGCAAGTTGCGCCCGAAGCCATTA 100
 AJ245576 51 ATCTTGTGAACCATCAAGTCTTTGAACACAAGTTGTGCCCCGAAGCCATCA 100
 *** * *****

PG22

15 AJ245577 101 GGCCGAGGGCACGCCGTCCTGGGCGTCGCGCGTCTGTTGCCCTAACTCGG- 149
 AJ245576 101 AGCCGAAGGCACGTCTGCCTGGGTGTACACACTGTGCCCCCACCCTCGT 150

20 AJ245577 150 -ACGTCTCATTTGGTGTGCGTTGAGTGG-CGAATGTTGGCTTCCCACGAGC 197
 AJ245576 151 GGCCTCTCGCGTGGCTTCGAGGAATGGGCAGATTATGGCCTTCCGTGAGC 200
 * **** * * * * * * * * * * * * * * * * *

25 AJ245577 198 GTTGCCTCATGGTTGGTTGAAATTCGAGTCCGTGGTGGAGGATGCCACGA 247
 AJ245576 201 TTCGCCTTATGGATGGCCCAAAGAGAGTTCGCGGTGGCGACTGCCACGA 250
 * **** * * * * * * * * * * * * * * * * *

PG21

25 AJ245577 248 TTGATATGGTGGTTGAGTAATTAGCTCGAGACCCATCGTGAGCGACTC-C 296
 AJ245576 251 C--GCACGGTGGATGAGCAAAGA-CTCAAGACCAGTCGTGCAAGTGTCAT 297
 * **** * * * * * * * * * * * * * * * *

PG21

30 AJ245577 297 ATCTTGTTTTGGACTCTTTGACCC---ACATGAGCATCTCCG-ATGCTC 341
 AJ245576 298 ACCCGGGATTGCGCTCGGAGACCCTTCAGCATCGCGAGGTGCATATGCCT 347
 * * * * * * * * * * * * * * * * *

35 AJ245577 342 GTTACGAGACCTCAGGTCAGACGGGGTTACCCGCTGAGTTTAA GCATATC 391
 AJ245576 348 CGAACGGGACCCTAAGTCAGGCGGGGCTACTCGCTGAGTTTAAAGCATATC 397
 *** **** * *****

ITS4

40 AJ245577 392 AATAAGCGGAGGA 405
 AJ245576 398 AATAAGCGGAGGA 410

 ITS4

Figure 3

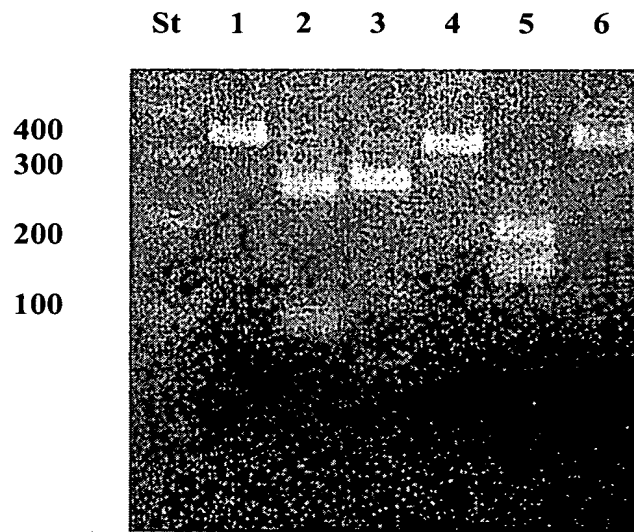
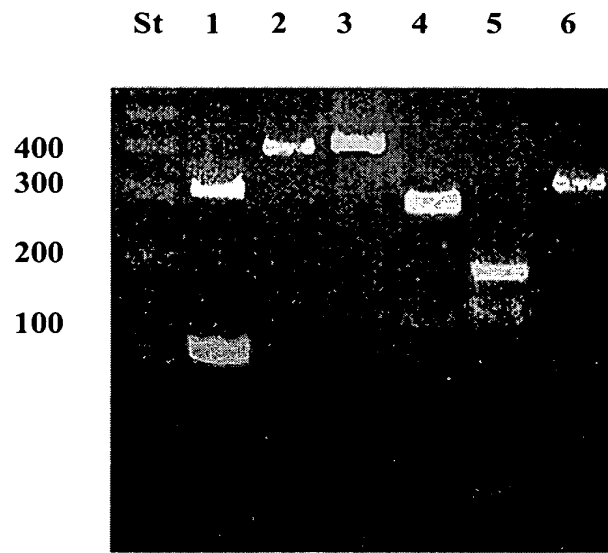


Figure 4

**Figure 5**

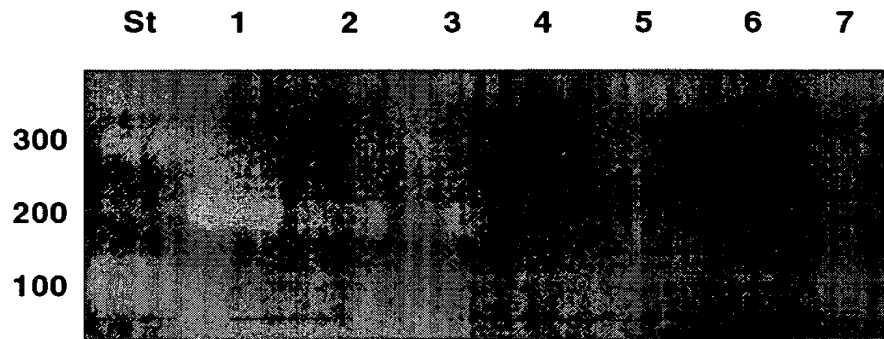
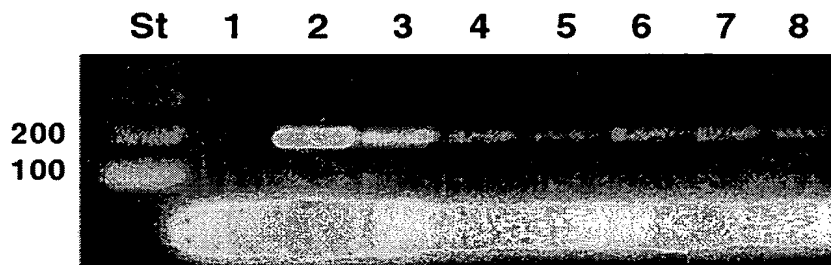
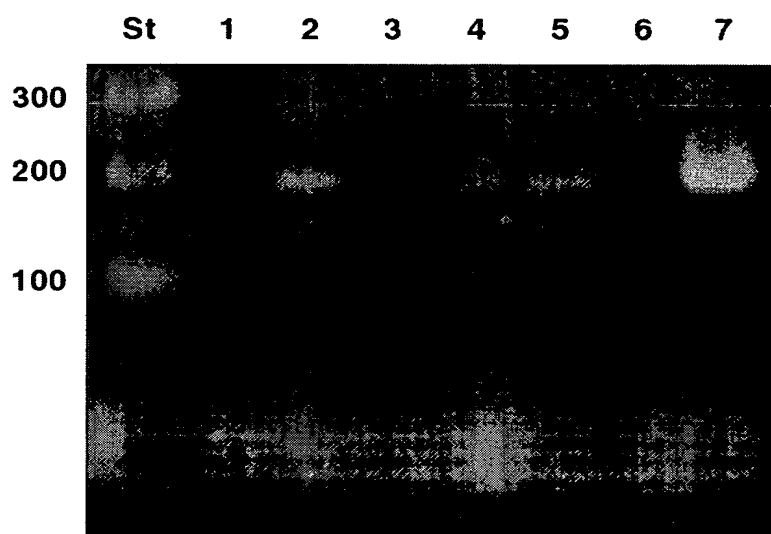


Figure 6

**Figure 7**

**Figure 8**

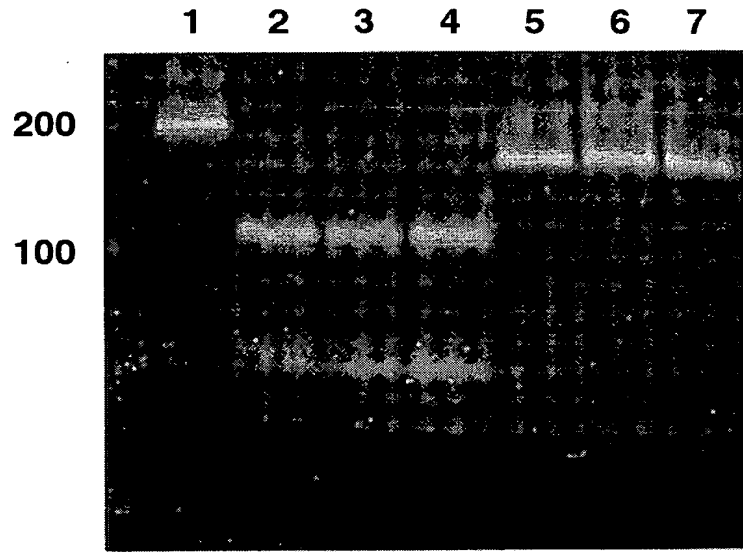


Figure 9